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## DSA BULLETIN 08-02

Revised: April 3, 2008

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**To: DSA Staff and  
Interested Parties**

**From: Division of the State Architect  
Department of General Services  
State of California**

**SUBJECT: Flood Design for Projects Submitted Under the 2007 CBC**

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**Purpose:** To notify stakeholders of the Flood Design requirements for projects submitted to DSA under the 2007 California Building Code (CBC).

**Background:** With the effective date of the 2007 CBC on January 1, 2008, all project submittals to DSA must comply with new design, and documentation requirements if the project is located in a designated flood hazard area.

**Scope –** This Bulletin addresses the new flood hazard area documentation requirements for projects designed under the 2007 CBC. For Flood Design requirements see CBC Section 1612A and code referenced standard ASCE 24-05 – *Flood Resistant Design and Construction*.

### **1. Requirements for projects located in a flood hazard area:**

#### **1.1 Reporting - [DSA-1](#) – Application for Approval of Plans and Specifications:**

This fillable on-line form must be completed and signed and accompany all project application submittals. It has recently been revised to address 2007 Title 24 requirements. Reporting of a project's flood hazard status is accomplished by checking appropriate boxes on line 27 of the latest revision of this form. This requires the design professional's declaration that the project is or is not in a flood hazard area, and the value of certain scopes of work. Refer to 2007 CBC Section 1612A.3 for determining flood hazard areas (flood hazard maps, as adopted by the local jurisdiction in which the project is located).

#### **1.2 Documentation - [DSA-3](#) – Project Submittal Checklist:** Information on documentation requirements can be obtained by completing this on-line, fillable form. Among the changes to this form for the 2007 CBC is the addition of Section D on page 1, regarding flood design requirements. When correctly completed through Section D, the on-line form will generate information on all requirements for a complete submittal, including flood hazard documentation on line 3.03V.

##### **1.2.1 New Construction, Additions or Relocation projects** (Scopes 1, 2 and 3 on DSA-3) – If located in a flood hazard area, the project must comply with flood

hazard area documentation requirements. (Note for Scope #3: requirements are waived if Relocation project involves an existing campus only.)

- 1.2.2 Alteration/Modernization, Rehabilitation, and Reconstruction projects** (Scopes 4, 5 and 6 on DSA-3) – If located in a flood hazard area. Project must comply with flood hazard area documentation requirements only if the value of the project exceeds 50% of the market value of the structure prior to the improvements being made. If the value is below trigger amount, reporting requirements are waived.

**2. Submittal Review:** DSA Intake Architects will screen project application submittals for proper documentation on project plans and specifications for projects located in flood hazard areas.

The following information must be shown directly on the Site Plans and/or Civil Drawings:

- The flood zone designation.
- The Flood Insurance Rate Map (FIRM) panel designation.
- Effective date of the FIRM.
- Base Flood Elevation (BFE).
- Applicable Community Ordinance Section.

Additional documentation requirements are presented in 2007 CBC, Sections 1603A.1.6 and 1612A.5.

**Summary:** The 2007 CBC mandates flood design and reporting requirements for new projects under the jurisdiction of DSA. The code and its referenced standards provide information on flood resistant design and construction. DSA documentation and reporting requirements for projects located in a designated flood hazard area are set forth in this Bulletin. Reporting and documentation are simplified by the forms DSA-1 and DSA-3. It is important for design professionals and other stakeholders to be aware of and comply with the new requirements.